Alpha Sorption Flow Diagram From Standby IX From Loaded Resin Column (IX) Hold Tank (IX) Wash Water or Hold Tank Salt Solution 25,000 gal Feed Tank (CSSX) Hi Rad Vessel Vent From Recycle Blend Tank (IX) -MST NaOH To Recycle Fresh Waste Blend Tank (IX) (Tank 50) H_2O Salt Solution LPPP Alpha Sorption Feed Tank (CSSX) Vent Tank 125,000 gal Filters (2) Pump Pit Hi Rad Sludge Tank Vessel Vent Oxalic Acid Н,О♠ Hi Rad NaOH¬↓↓ Vessel Vent H₂O-Cleaning Process Solution Dump Vessel Vent Sludge Solids Receipt Tank MST/Sludge To DWPF CSDT= Cleaning Solution Dump Tank $H_2O = Process Water$ ----- = Only for IX CW= Cooling Water Closed Valve

LPPE Low Point Pump Pit

► Open Valve